



Launch Mission Execution Forecast

Vehicle: Falcon 9 Starlink V0.9

Issued: 15 May 2019/2300 EDT(16/0300 UTC)

Valid: 16 May 2019/2230-2400 EDT (17/0230-0400 UTC)

Synoptic Discussion: Unusually dry air will continue to filter into the Spaceport Thursday as a surface front remains stalled over South Florida. Favorable conditions are anticipated during the launch window with only a few cumulus clouds expected in light onshore flow. Maximum upper-level winds will be from the west at 80 knots near 40,000 feet.

Clouds

Cumulus
Cirrus

Coverage

Few
Scattered

Bases (feet)

2,500
28,000

Tops (feet)

4,000
30,000

Weather: None

Surface Visibility: 7 Miles

Liftoff Winds (MPH): 100° @ 10-15 (200')

Temperature: 75°F

Solar Activity: Low

Pressure: 30.03 inHg

RH: 65%

Launch day probability of violating launch weather constraints:

10%

Primary concern(s): Cumulus Cloud Rule

Sunrise: 16/0631 EDT

Sunset: 16/2006 EDT

Moonrise: 16/1800 EDT

Moonset: 17/0548 EDT

Illumination: 96%

Next forecast will be issued: As Required